
From: Henning, Alan
To: Wu, Jennifer
Sent: 9/11/2014 6:43:56 PM
Subject: RE: Reference materials for type N stream riparian protections

Jenny,

I was not looking at what Brad sent you. That said, I did look at the OARs he referenced and here is the rest of the story:

The references to the 10-foot vegetation retention zone along small non-fish streams are:

- OAR 629-640-0200(6) on page 46. This says that "Operators shall retain all understory vegetation and non-merchantable conifer trees (conifer trees less than six inches DBH) within 10 feet of the high water level on each side of a small perennial Type N streams indicated in Table 5 on page 52. Note that many of the small N streams are intermittent. Take a look at Peter's report from his review of the notifications. It appears that many of the N streams were intermittent. Also, there are lots of "undefined" streams in the watersheds that this would not apply to.
- Table 5 on page 52- Table 5 presents the Vegetation Retention for Specified Small Type N Streams (broken down by Region) - For the Coast Range there are NO RETENTION REQUIREMENTS. For the South Coast Range the retention requirements apply only to some of the perennial streams, i.e., streams where the upstream drainage area is greater than 160 acres. I find both very interesting. While your contact references these protections, he did not indicate there were no protections for Type Ns in the Coast Range and limited protections (only for some perennial streams with 160 acres of drainage) in the South Coast – there are no protections for intermittent streams in either basin.
- Figure 1 on page 50. Based on Figure 1 (a map of the regions – the Coast Range starts at the Columbia and goes south to the Coquille River. The South Coast goes from the Coquille on to California.

All in all, the scope of where the protections are required is very limited i.e., (only in the South Coast on some perennials), and the protections themselves are extremely limited. ... 10 ft of brush and small conifers on a subset of type N streams in the South Coast region.

As you know, conifers less than 6 inches are not the large wood needing to be delivered to type F streams.

All in all, I don't think this offers much protection for N streams in the area covered by CZARA.

Now you have the rest of the story.

From: Wu, Jennifer
Sent: Thursday, September 11, 2014 1:46 PM
To: Henning, Alan
Subject: FW: Reference materials for type N stream riparian protections

Thanks for the 1996 document! I don't have that, and that's great to see this is the first time the pesticides issue came out. I'm sorry I haven't had a chance to send you all the files I have on CZARA.

Here's the link that Brad sent. Is this the same thing you're looking at? I have a briefing at 2, so if you don't get a chance to look at it, I'll take a look again. I'm glad you thought the call went well. I think we're going in the right direction.

From: KNOTTS Bradley A [<mailto:bradley.a.knotts@state.or.us>]
Sent: Tuesday, September 09, 2014 3:26 PM
To: Wu, Jennifer

Cc: ABRAHAM Kyle

Subject: RE: Reference materials for type N stream riparian protections

Hi, Jenny.

Here is the link to the ODF rulebook: <http://www.oregon.gov/odf/privateforests/docs/fparulebk.pdf>.

The references to the 10-foot vegetation retention zone along small non-fish streams are:

- OAR 629-640-0200(6) on page 46.
- Table 5 on page 52.
- Figure 1 on page 50.

Please let me know if you have further questions.

Bradley A. Knotts
Forest Practices Field Coordinator
Oregon Department of Forestry
2600 State Street
Salem, Oregon 97310
Office: 503-945-7484
Mobile: Non-Responsive

From: Wu, Jennifer [<mailto:Wu.Jennifer@epa.gov>]

Sent: Tuesday, September 09, 2014 3:18 PM

To: KNOTTS Bradley A

Cc: ABRAHAM Kyle

Subject: Reference materials for type N stream riparian protections

Hi Brad (fyi to Kyle), thanks for the conversation today and for sending the references on the specific areas in Oregon with 10' buffer protections for aerial application of herbicides on Type N streams.

Jenny Wu
USEPA Region 10
Office of Water and Watersheds (OWW-134)
Environmental Engineer, Watershed Unit
1200 6th Avenue, Suite 900
Seattle, WA 98101
(206)553-6328